digital™ MATERIAL SAFETY DATA SHEET

SECTION 1 - PREPARATION/PRODUCT INFORMATION

Manufacturer's Name: Digital Equipment Corporation Maynard, MA USA

Non-Emergency Phone Number: (508) 496-9242

Emergency Phone Numbers: 800-228-5635 ext.123
[+1] 612-221-3999 ext.123

Preparation Date: March 4, 1992

Supersedes: First Issue

Product Name: Recycled Noryl

Part Number(s): 49-02308-01 **Use:** Recycled Raw Material

SECTION 2 - INGREDIENTS

HAZARDOUS INGREDIENTS	CAS	%	ACGIH TLV	OSHA PEL	CARCINOGEN LIST IARC	CARCINOGEN LIST NTP	CARCINOGEN LIST OSHA	SARA 313
*Triarylphosphate Esters	115-86-6	5-10	3 mg/m^3	3 mg/m^3	NO	NO	NO	NO
*Titanium Dioxide	13463-67-7	1-4	10 mg/m^3	10 mg/m^3	NO	NO	NO	NO
*Cadmium Compounds	1306-23-6	<1	N/A	N/A	NO	YES	NO	YES
*Silica	7631-86-9	<1	10 mg/m^3	6 mg/m^3	NO	NO	NO	NO
*Chrome (III)	16065-83-1	<1	0.5 mg/m^3	0.5 mg/m^3	NO	NO	NO	YES
*Nickel	7440-02-0	<1	1 mg/m^3	0.1 mg/m^3	NO	NO	NO	YES

*These chemicals are inextricably bound in this high molecular weight plastic polymer and thus are not available for exposure.

OTHER INGREDIENTS

Polyphenylene Oxide	5134-01-4	30-60	Not applicable
Polystyrene	9003-55-8	30-60	Not applicable

All chemicals contained in this product are on the US TSCA inventory.

SECTION 3 - PHYSICAL AND CHEMICAL DATA

Boiling Point - Not applicable
Vapor Pressure - Not applicable
Vapor Density - Negligible
Appearance - Solid
Freezing Point - Not applicable
Melting/Softening Point - Gradually over a wide temperature range
Solubility in Water - Insoluble
Percent Volatile - Negligible
Evaporation Rate - Negligible
Odor and Odor Threshold- Slight
pH - Not available
Specific Gravity- >1 (water = 1)

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SECTION 4 - FIRE AND EXPLOSION HAZARD

Flash Point - Not applicable
Auto-Ignition Temperature - 490°C (914°F)
Extinguishing Media - Water, spray, foam
Unusual Fire or Explosion Hazards - None
Special Fire Fighting Procedure - Not available
Flammable Limits - Not available
Hazardous Combustion Products - Triarylphosphate fragments, Carbon monoxide,carbon dioxide

SECTION 5 - REACTIVITY DATA

Stability - Stable
Conditions to Avoid - Do not exceed melt temperature recommended in product literature and temperatures above 490°C (914°F)
Hazardous Polymerization -None
Incompatibility - Not available
Hazardous Decomposition Products - Processing fume may contain trace levels of triarylphosphate, phenol, styrene, amines, alcohols and aldehydes.

SECTION 6 - HEALTH HAZARD DATA/TOXICOLOGICAL PROPERTIES

Hazard to Humans- (Hazardous ingredients are inextricably bound in this high molecular weight plastic polymer and thus are not available for exposure). Primary route of exposure is by skin. Ingestion is possible. Mechanical irritation is possible in eyes. Molten plastic can cause thermal burns. Fumes produced during melting maybe irritating to the nose, throat and eyes. Avoid breathing if dusts

Animal Experiment- (Based on similar products)

Acute- Oral LD50- >5000 mg/kg (practically non-toxic); Dermal LD50- >20 g/kg; (practically non-toxic);
Inhalation - LC50- Processing fumes not lethal.

Chronic/Other- Data on polyphenylene oxide resin powder show no adverse effect in a 2 year feeding study. Triarylphosphate esters are neurotoxic.

Additional Information- All chemicals used in producing this polymer are inextricably bound in this high molecular weight plastic and thus are not available for exposure.

SECTION 7 - EMERGENCY/FIRST AID PROCEDURE

If Swallowed- Not applicable
If Inhaled - Not applicable
If on Skin - Wash skin with soap and water.
If in Eyes - Flush eyes with large quantities of water for at least 15-20 minutes. If irritation persists after washing, contact a physician.

SECTION 8 - SAFE HANDLING/PREVENTIVE MEASURES

Waste Disposal - No special requirements.
Procedures for Leaks or Spills- Not applicable
Personal Protective Equipment - None for normal use. Use face shield when cleaning processing equipment. Use respirator if dust or fumes are not controlled.
Work Practices - None
Storage Requirement- In a dry place away from excess heat.
Engineer Control - Adequate ventilation is recommended during melting and if dust is produced.
Handling Procedure/Equipment- Prevent dust build up.
Labelling- None WHMIS Classification- Not applicable

SECTION 9 - TRANSPORTATION REQUIREMENTS

None

MSDS SATISFIES OSHA AND WHMIS REQUIREMENTS